

Fig. 1

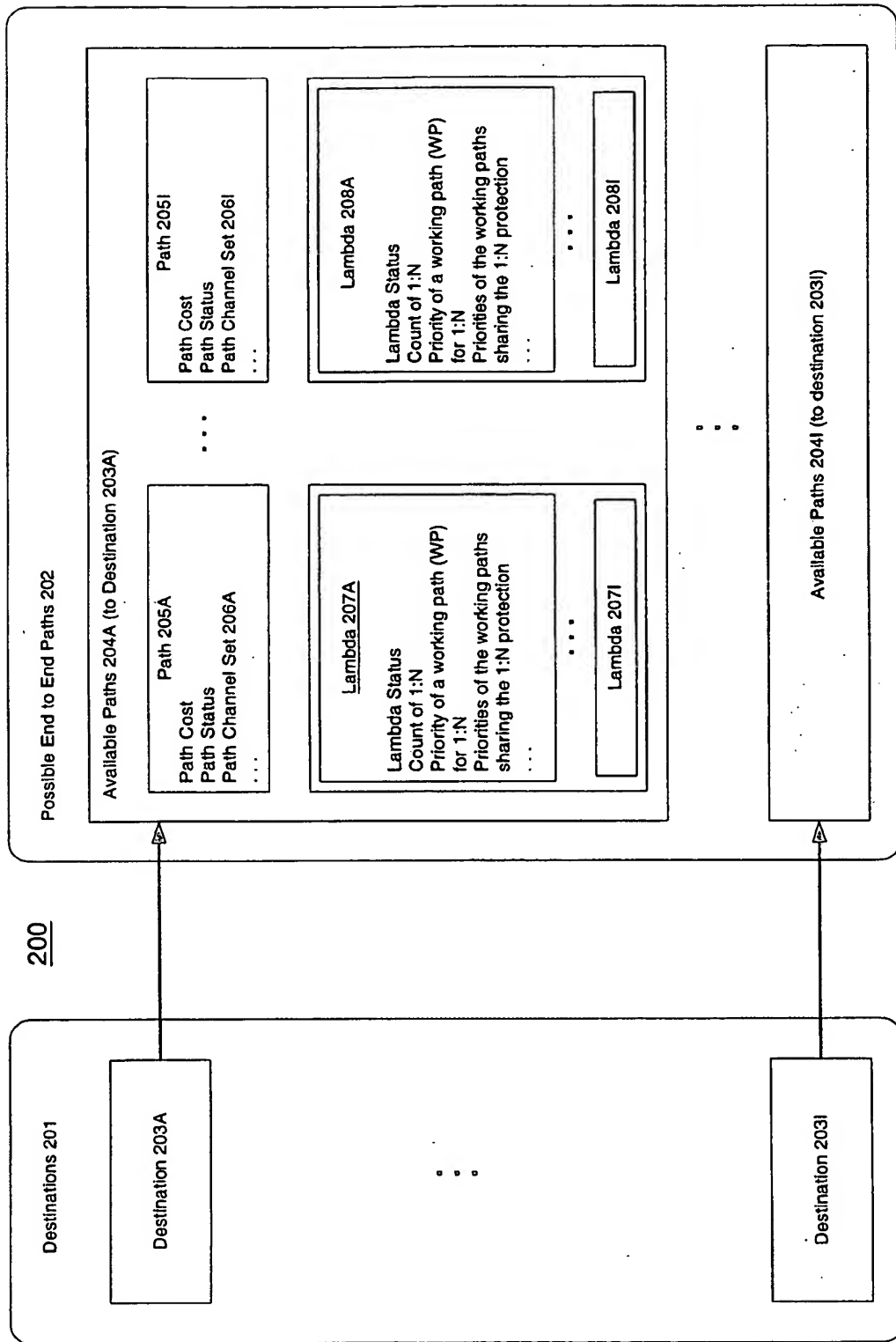


Fig. 2A

250

Connectivity/Routing Database(s)

Path 257	Lambda Status 252	Count of 1:N 254	Priority of WP for 1:N 255	Priorities of WPs shared in 1:N 256	...
Path 1 258	Lambda 1	Allocated/working	2		
Path 1 259	Lambda 2	Unallocated			
...	...				
Path 2 260	Lambda 1	Allocated/working	3		
Path 2 261	Lambda 2	Broken			
...	...				
Path 3 262	Lambda 1	Allocated/working			
Path 3 263	Lambda 2	Allocated/working	5		
...	...				
Path n 264	Lambda 1	Allocated/ protection/1:1			
Path n 265	Lambda 2	Allocated/ protection/1:N	3	2, 3, 5	
...	...	...	...	...	...

257

Fig. 2B

300

Signaling Database(s) 301		302	303
Working Path (lambda)		Protection Path (lambda)	Priorities of WPs currently shared if in 1:N protection scheme
304	Path1/Lambda1	Path n/Lambda2	2
	...	...	...
305	Path2/Lambda1	Path n/Lambda2	3
	...	...	...
306	Path3/Lambda1	Path n/Lambda1	-
307	Path3/Lambda2	Path n/Lambda2	5
	...	...	...

Fig. 3

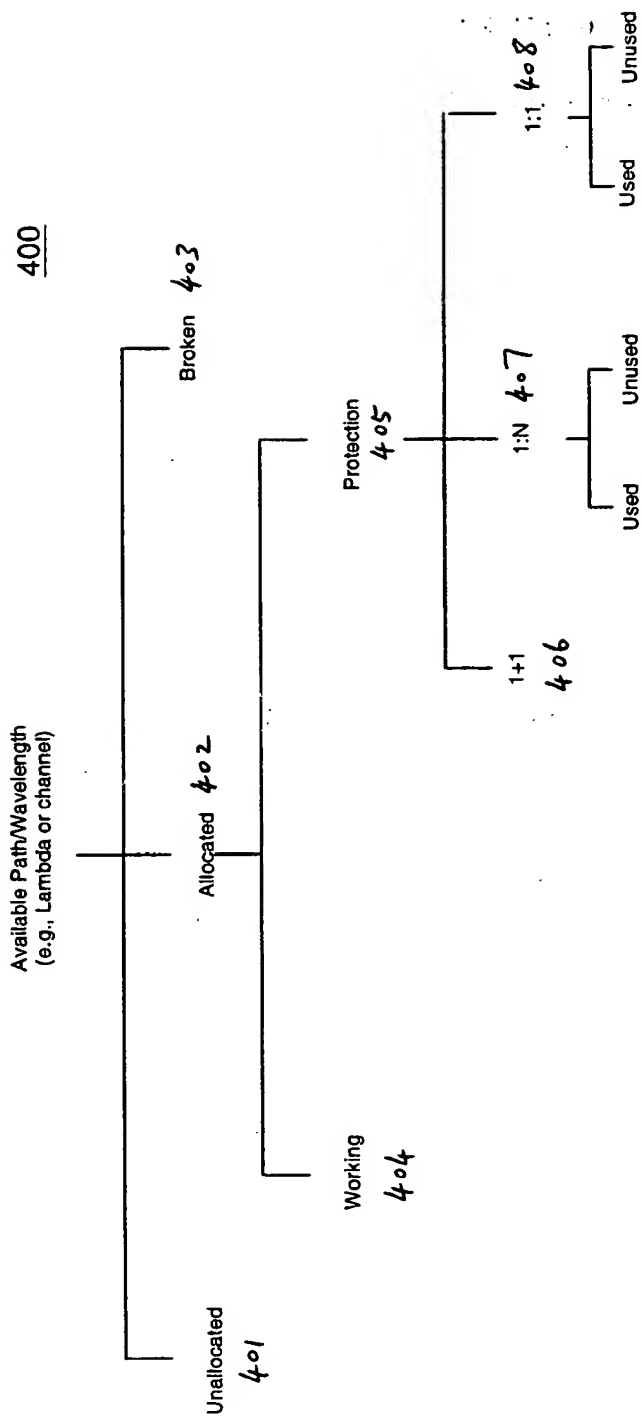
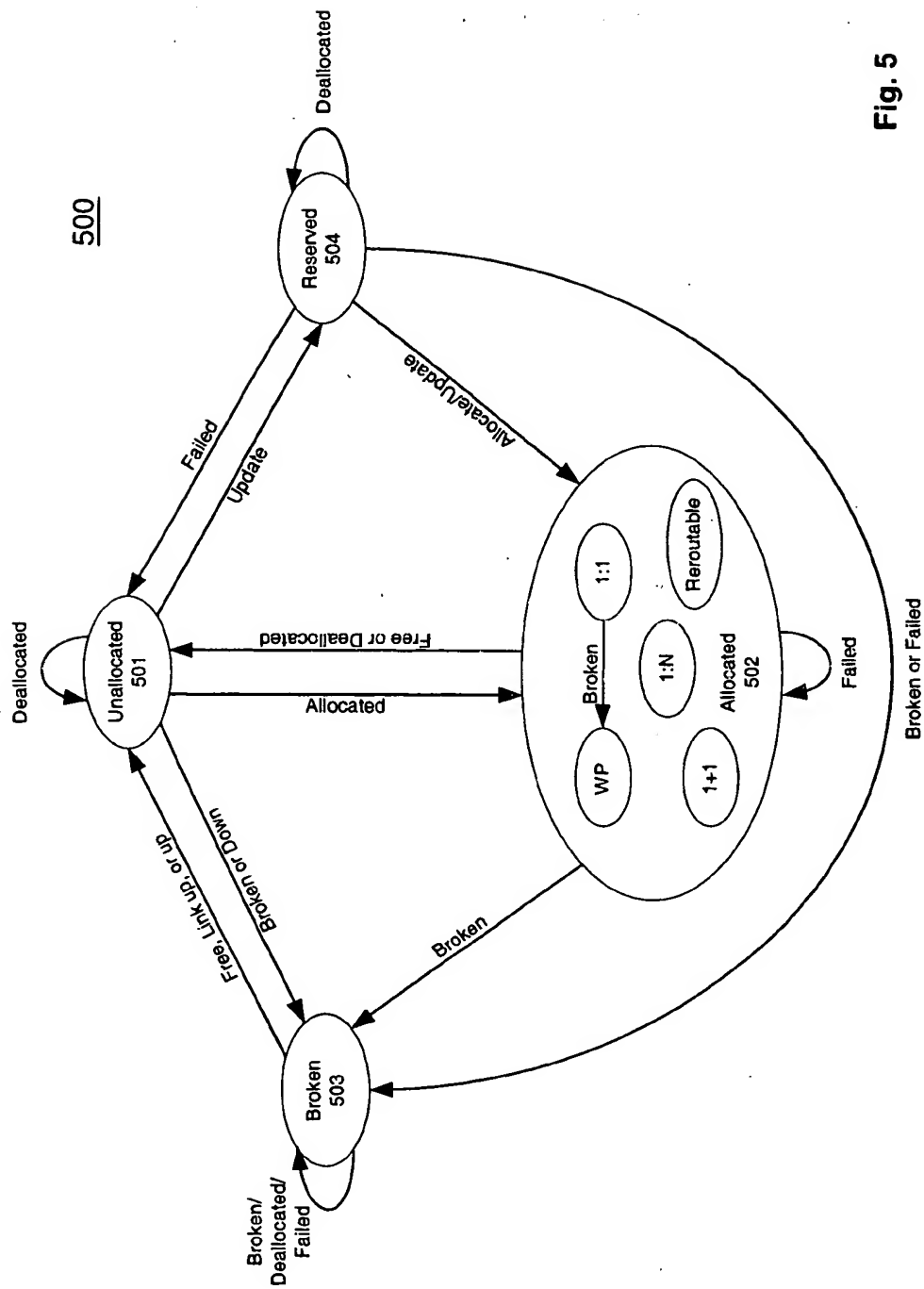


Fig. 4



**Fig. 5**

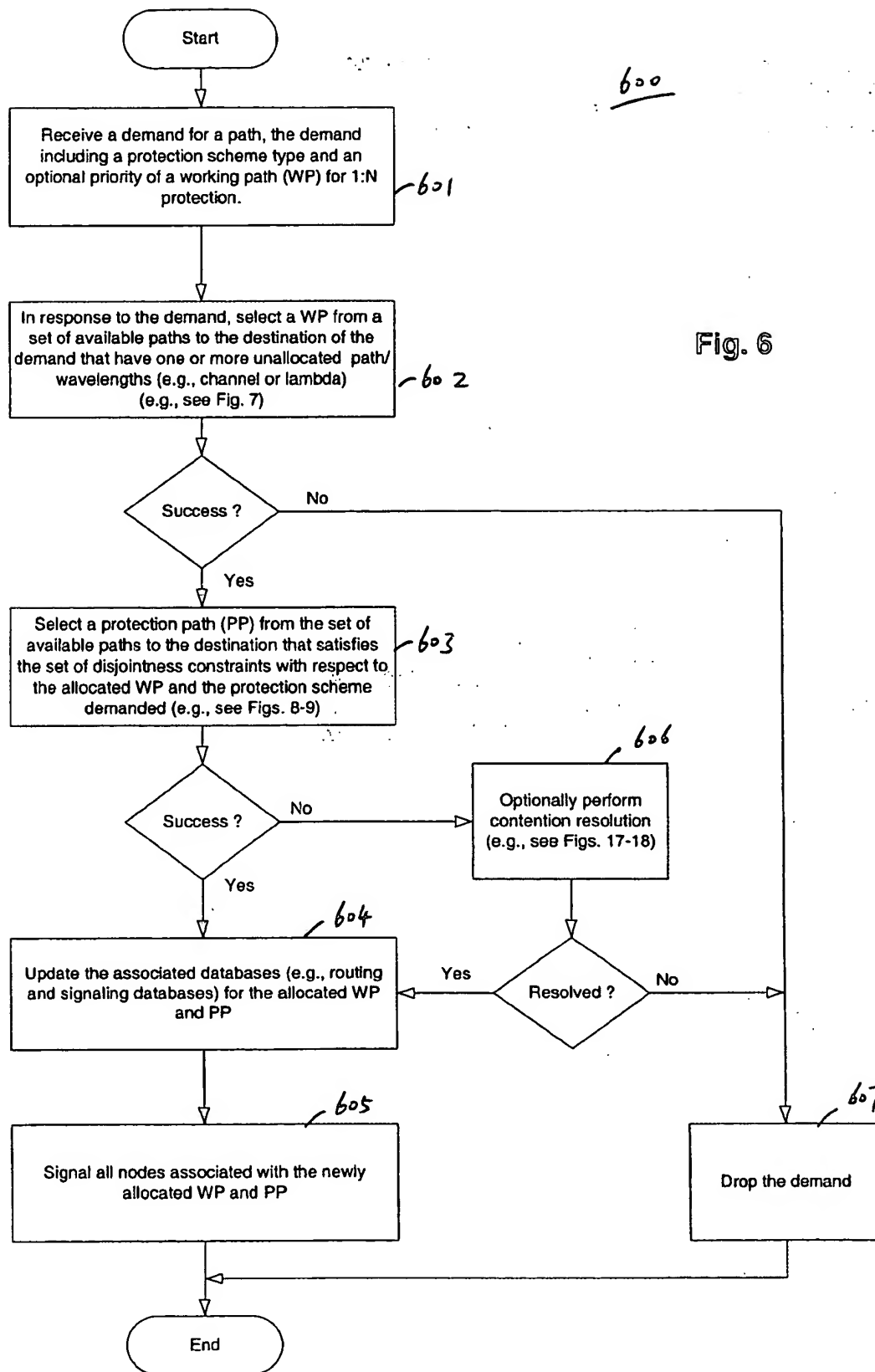


Fig. 6

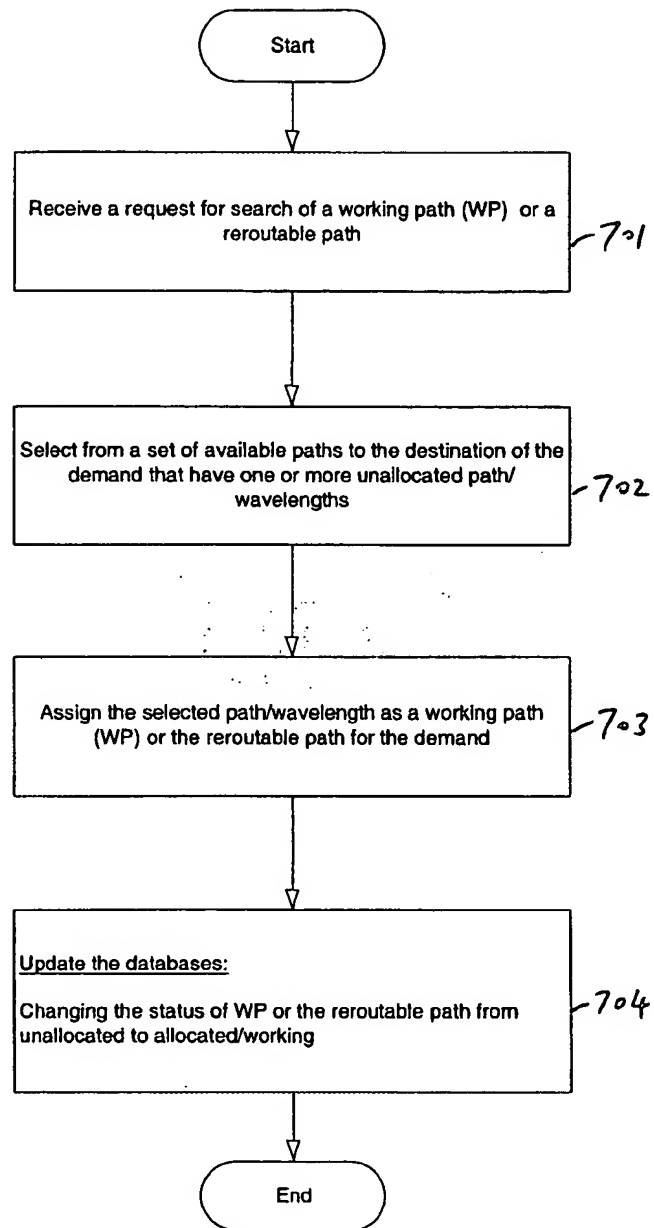
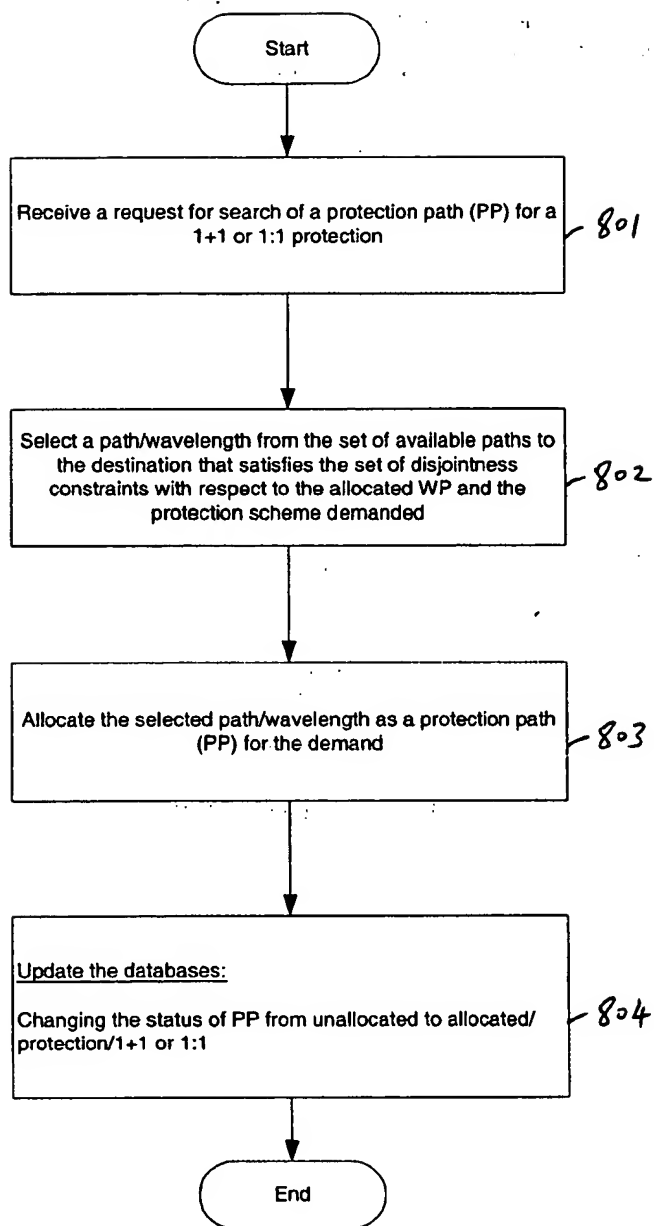


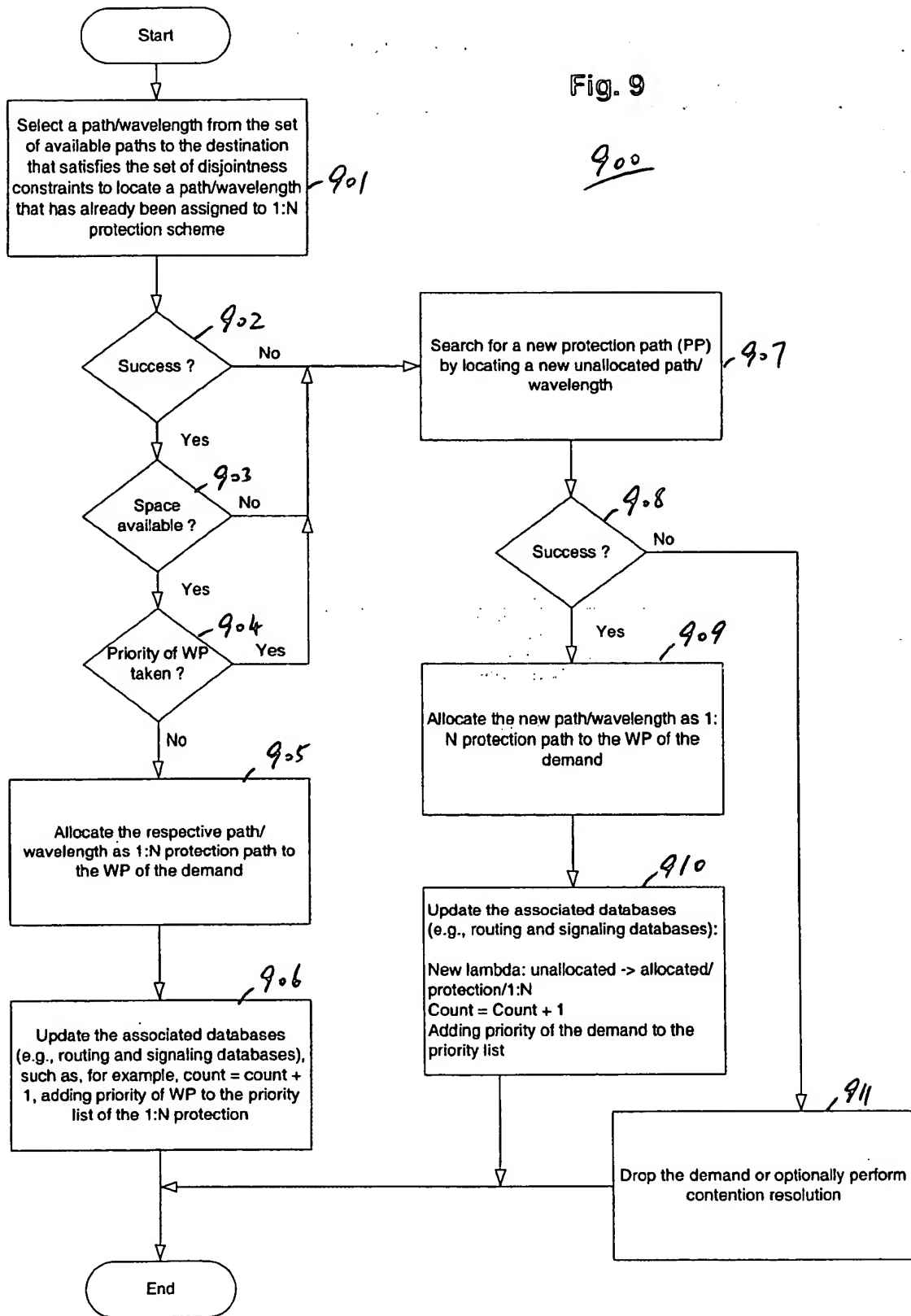
Fig. 7





**Fig. 8**

Fig. 9



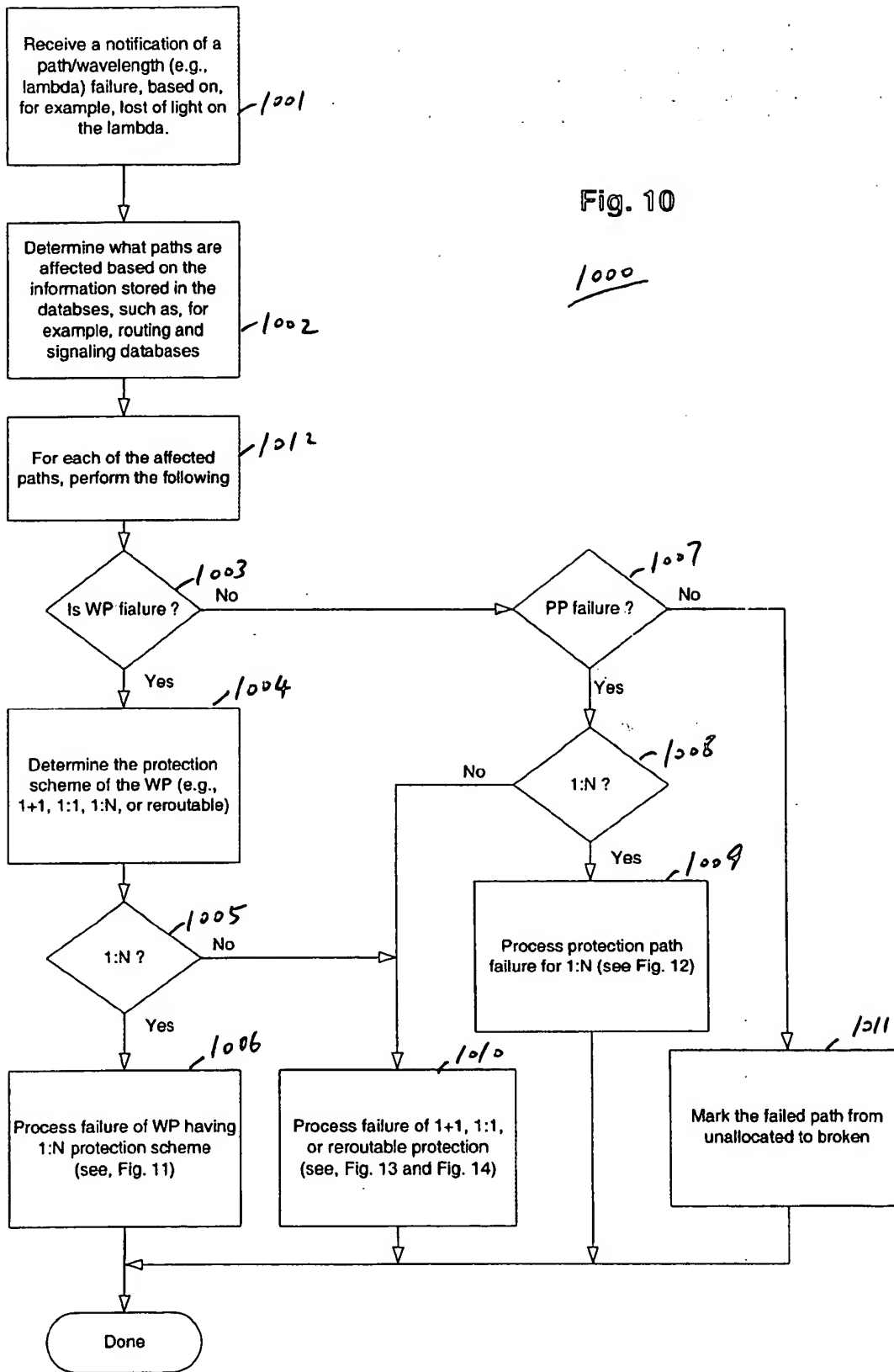


Fig. 10

1000

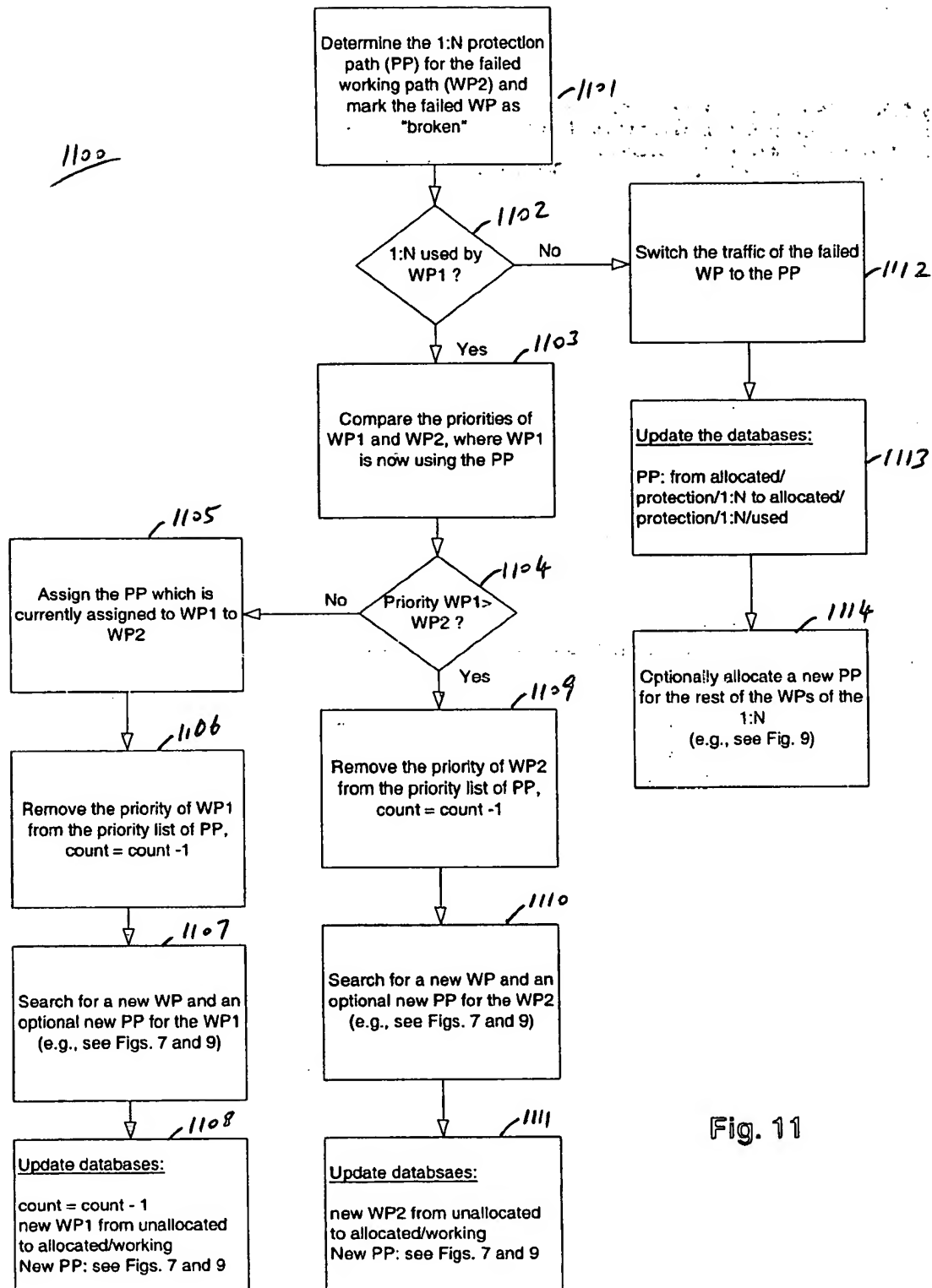
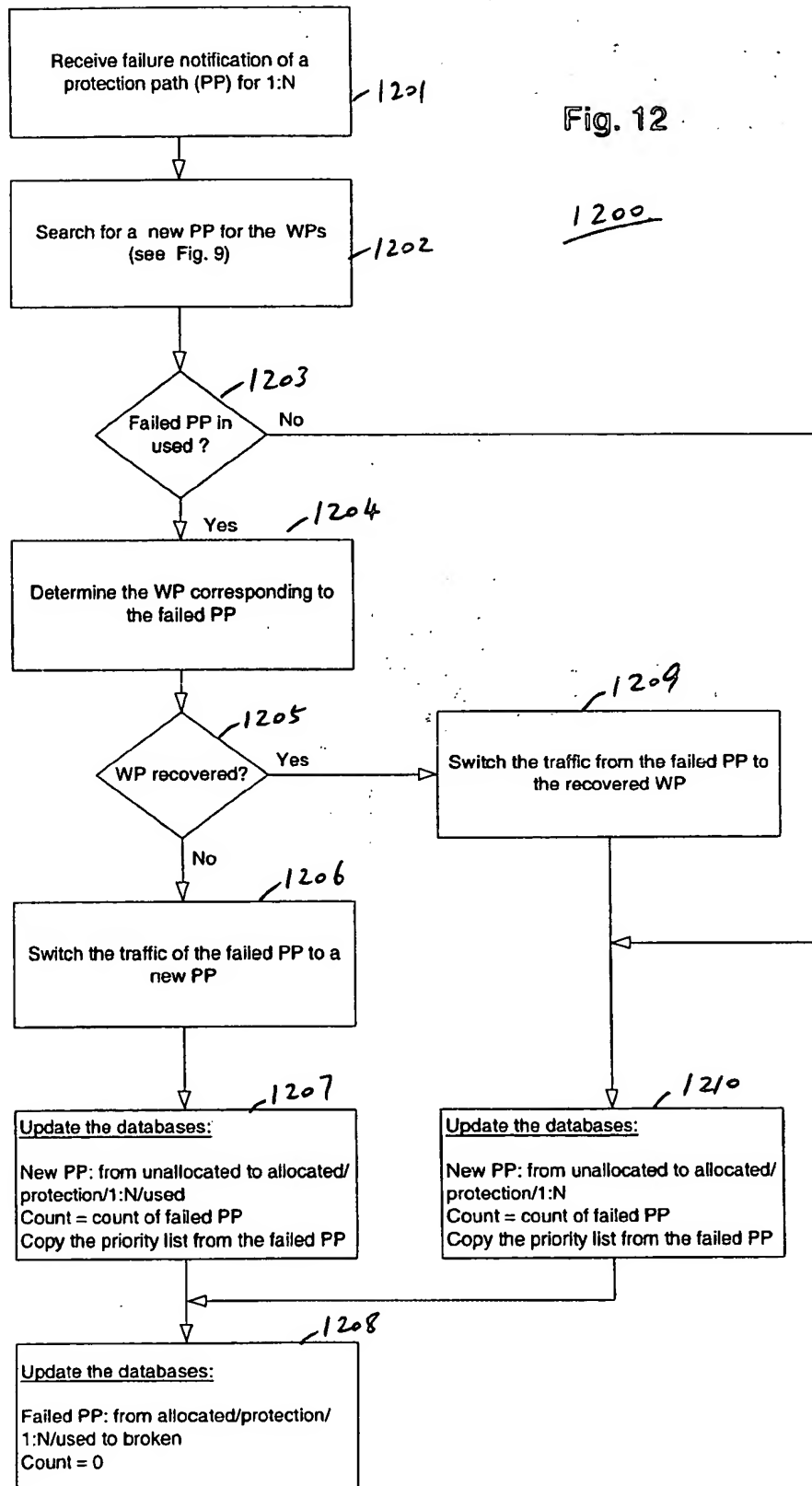


Fig. 11



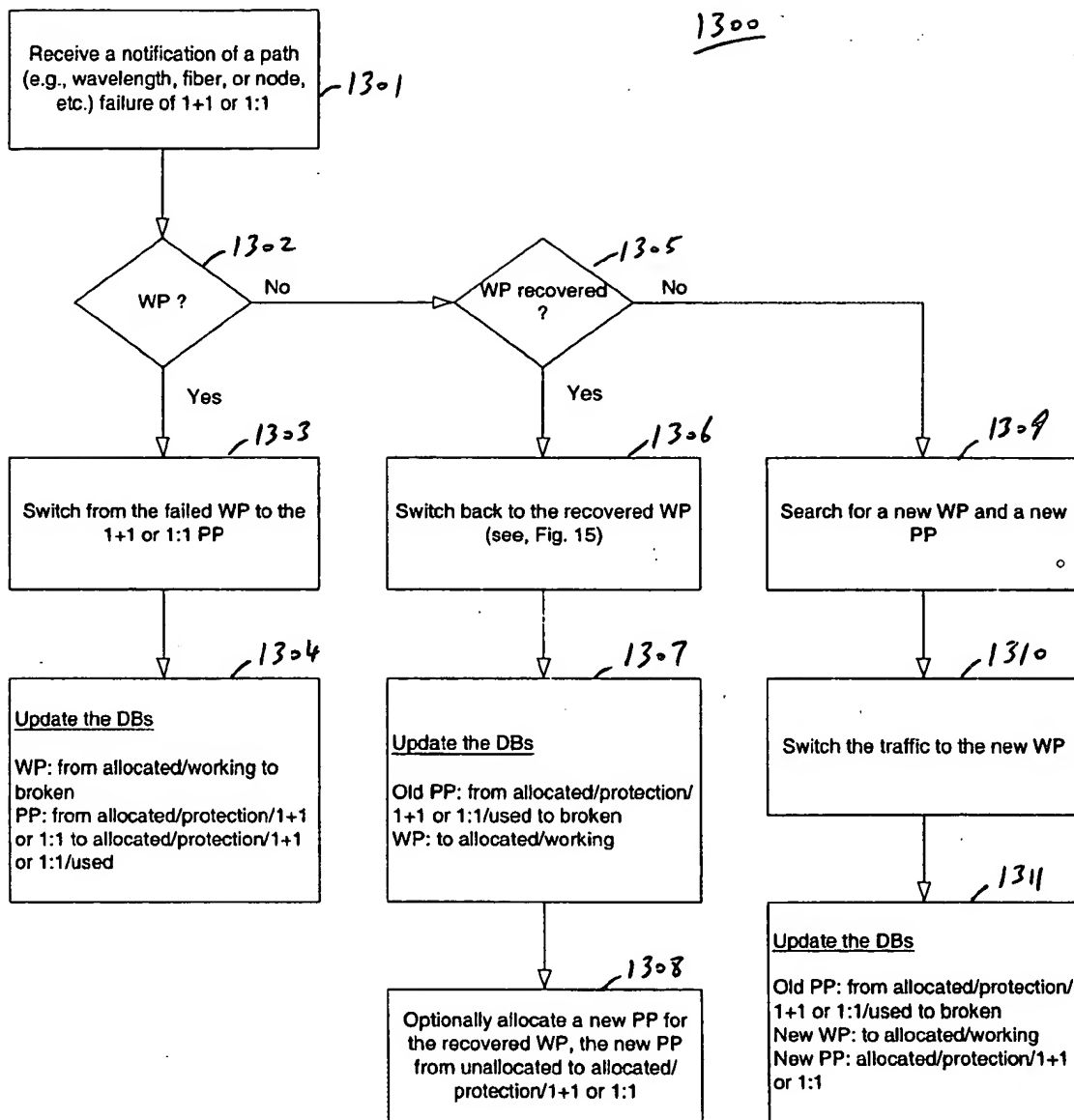
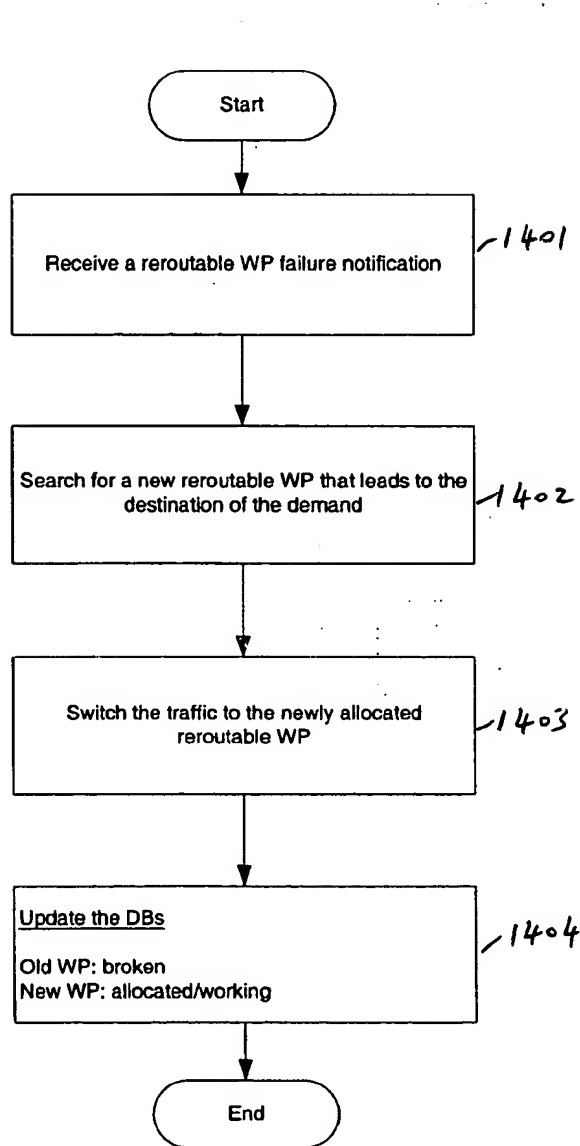
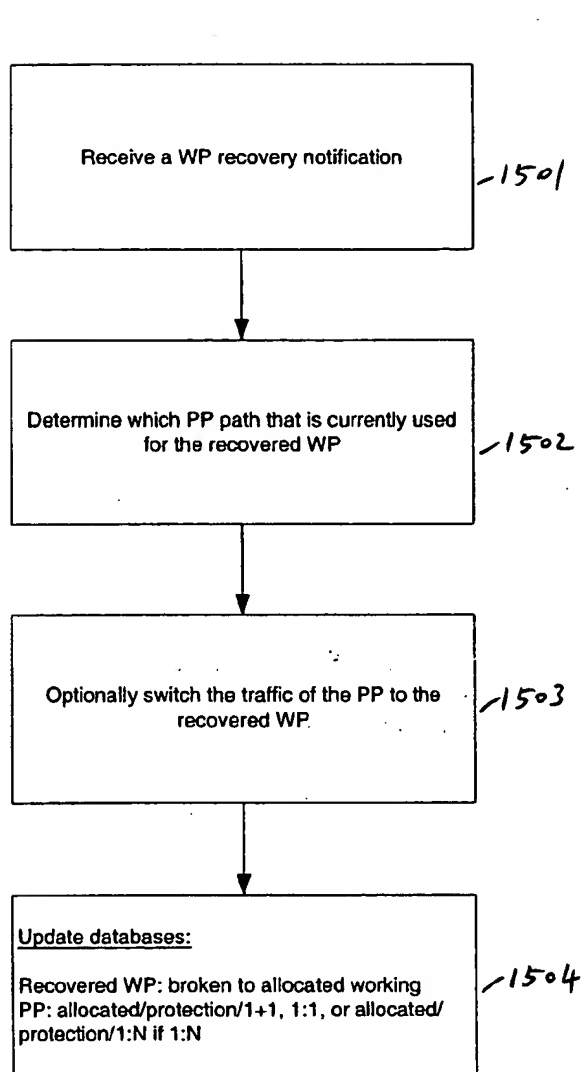


Fig. 13



**Fig. 14**



**Fig. 15**



